




# Evangelos Lamprou

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**Education**

*Ph.D. in Computer Science* Aug. 2025–Oct. 2030  
Brown University  
Advisor: Nikos Vasilakis

*Diploma in Electrical and Computer Engineering* Oct. 2018–July 2023  
University of Patras  
Advisor: Christos Fidas

**Experience**

*Software Engineer (Part Time)* Sept. 2023–Aug. 2024  
Demant A/S Copenhagen CR, Denmark

- Developed a clang-query-based static analysis tool, discovered and fixed 100+ bugs, including a major defect in the company’s charger firmware.
- Implemented a framework for hardware error handling over the company’s entire accessory codebase (over 600k lines of driver code and in-house operating system).

*Teaching Assistant* Sept. 2023–Dec. 2023  
Technical University of Denmark Copenhagen CR, Denmark  
*Operating Systems* (BSc level, 85 students), Instructor: Xenofon Fafoutis

*Teaching Assistant* Sept. 2022–Oct. 2023  
University of Patras Patras, Greece  
*Operating Systems* (MSc level, 141 students), Supervisor: Christos Fidas

- Created assignments on developing *Linux Kernel Modules* and experimenting with the *xv6 Kernel*. Exercises have been integrated into the course’s curriculum. [\[material\]](#)

*Software Engineer (Erasmus+ Placement)* June 2022–Aug. 2022  
Bionos Biotech S.L Valencia, Spain

- Developed a data pipeline using Python, Selenium, and Bash to extract and group species by metabolite profiles for cosmetic applications.
- Automated gene expression analysis by building two tools in R and Python, replacing the lab researcher’s manual processing workflows. Setup remote maintainance.

**Publications**

Peer-reviewed Conference Publications

P1. **The Koala Benchmarks for the Shell: Characterization and Implications**  
**Lamprou, E.**, Williams, E., Kaoukis, G., Zhang, Z., Greenberg, M., Kallas, K., Lazarek, L., Vasilakis, N., *USENIX ATC '25*. 2025

P2. **Investigating Applicability Heuristics of Answer Set Programming in Game Development: Use Cases and Empirical Study**  
**Lamprou, E.**, Fidas, C., *ACM CHI Greece 2023*. 2023

Peer-reviewed Workshop Publications

W1. **Guarding LLM-aided Software Transformation Tasks via Component Exoskeletons**  
**Lamprou, E.**, Kalhauge, C. G., Rinard, M. C., Vasilakis, N., 2025

W2. **From Ahead-of- to Just-in-Time and Back Again: Static Analysis for Unix Shell Programs**  
Lazarek, L., Jung, S.-H., **Lamprou, E.**, Li, Z., Narsipur, A., Zhao, E., Greenberg, M., Kallas, K., Mamouras, K., Vasilakis, N., *HotOS '25*. 2025

Service	Web & publication co-chair 18th European Workshop on Systems Security (EuroSec 2025)	2025	
	Web & publication co-chair 17th European Workshop on Systems Security (EuroSec 2024)	2024	
Honors & Awards	USENIX ATC’25 Best Paper Award	July 2025	
	USENIX ATC’25 Student Grant	July 2025	
	<a href="#">Urbis Assembly Hackathon</a> Honorable Mention	Nov. 2023	
	Huawuei “Seeds for the Future” Scholarship Awarded for academic excellence and contribution to the UoP ECE department.	June 2023	
	NAM Lab IoT Hackathon Participated solo in <a href="#">NAM</a> Lab’s first IoT Hackathon—1st Place.	May 2023	
	IEEE Xtreme 16.0 Competition Placed globally at the top 4% among 6373 teams. Team name: “notWizards”.	Oct. 2022	
Volunteering	<i>Computer Society Chapter Chair</i> IEEE Student Branch (151 total members) <ul style="list-style-type: none"><li>• Hosted 26 sessions on CS topics; supported members’ technical projects. <a href="#">[material]</a></li><li>• Organized an instance of the IEEEExtreme competition and two industry-facing <a href="#">events</a>.</li><li>• Received the <i>IEEE Exemplary Student Branch Award</i> for academic year.</li></ul>	Oct. 2021–June 2023 Patras, Greece	
	<a href="#">Radio KoL</a> Radio Host & DJ	May 2016–Sept. 2017	
Languages	English (fluent), Greek (native), German (intermediate)		
References	<b>Prof. Nikos Vasilakis</b> CS Department Brown University Providence, RI, USA nikos@vasilak.is	<b>Prof. Konstantinos Kallas</b> CS Department UCLA Los Angeles, CA, USA kkallas@ucla.edu	<b>Prof. Christos Fidas</b> ECE Department University of Patras Rion-Patras, Greece fidas@upatras.gr

*Last updated: October 6, 2025*